

The **Radiography** program technical standards have been developed to inform students of the nonacademic essential functions of the program and profession. Examples are not all inclusive.

Standard	Essential Function	Examples
Communication Oral / Written	<ul style="list-style-type: none"> • Skills sufficient to communicate information and ideas so others will understand • Skills sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds 	<ul style="list-style-type: none"> • Document relevant patient information (manual or via computer) using correct terminology and spelling • Interpret doctor's orders • Record critical information regarding patients' care • Establish rapport with patients, families, and other health care providers
Mobility / Motor Skills	<ul style="list-style-type: none"> • Motor skills sufficient to move the hands and use hands to grasp or manipulate small and large objects • Mobility sufficient to perform physical activities that require coordinated use of arms and legs and moving the whole body 	<ul style="list-style-type: none"> • Use instruments and operate equipment locks, dials, and buttons • Maneuver in confined spaces • Physical activities may include: <ul style="list-style-type: none"> • Bending • Stooping • Lifting • Reaching • Pushing
Physical Strength and Stamina	<ul style="list-style-type: none"> • Ability to stand for extended periods of time • Ability sufficient to lift and carry up to 30 pounds 	<ul style="list-style-type: none"> • Stand and walk up to 12-hour shifts • Lift and/or maneuver patients • Lift and move equipment • Wear a lead apron (6-15 lbs.) for up to 4 hours
Sensory <ul style="list-style-type: none"> • Sight • Sound • Taste • Touch 	<ul style="list-style-type: none"> • Visual skills sufficient to see details at close range, manipulate equipment, and operate a computer 	<ul style="list-style-type: none"> • Observe patients' condition • Differentiate between black, white, and shades of gray on a computer screen

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<ul style="list-style-type: none"> • Smell 	<ul style="list-style-type: none"> • Discern information from computers, electronic devices, patient charts and printed documents over extended periods • Listening skills sufficient to communicate with others • Identify various sounds • Ability to touch and locate anatomy on patients • Ability to tolerate various odors 	<ul style="list-style-type: none"> • Communicate in darkened radiographic rooms and operating rooms while wearing a surgical mask at distances up to 30 feet • Hear equipment/emergency alarms, call bell, or call for help • Listen to heart, lung, and blood pressure sounds • Feel for pulse • Perform radiographic examinations and physical assessments • Work with patients with poor hygiene
<p>Environmental / Occupational Exposure</p>	<ul style="list-style-type: none"> • Exposure to communicable and infectious diseases, secretions, blood, and bodily fluids • Exposure to environmental hazards • Exposure to X-ray radiation • Ability to work under high stress situations and respond promptly 	<ul style="list-style-type: none"> • Possible exposure to HIV, hepatitis, etc. • Exposure to X-ray radiation, medicinal preparations, latex, and toxic substances • Respond appropriately in emergency to maintain patient safety and care
<p>Field or Industry Professional Standards</p>	<ul style="list-style-type: none"> • Criminal background check • CPR certification • Pass drug screening • Comply with American Registry of Radiologic Technologists (ARRT) Standards of Ethics 	<ul style="list-style-type: none"> • Perform CPR • Adhere to ARRT Standards of Ethics